

Central Region Review



U.S. Army Environmental Center Central Regional Office Kansas City, Missouri



★ AUGUST 2005 ★

★ REGIONS 6 & 7 ★

The *CENTRAL REGION REVIEW* provides current information on significant federal and state legislative and regulatory developments in federal Regions 6 and 7. Versar, Inc., in support of the Central Regional Environmental Office (CREO), prepares the *REVIEW* to assist you in your compliance efforts. Current and past issues of the *REVIEW*, as well as regional updates and alerts, are available on the Internet at <http://aec.army.mil/usaec/reo/creo00.html>. Please e-mail CREO.regulatory.specialist@nwk02.usace.army.mil or call (816) 983-3327 if you have any questions or suggestions, or if you would like to subscribe to the *REVIEW*.

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CENTRAL REGIONAL ENVIRONMENTAL OFFICE PERSONNEL DIRECTORY

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Assistance in Environmental Regulations Impact. In the past, CREO has successfully assisted installations in moderating environmental regulations that affect current operations. If you need assistance in this regard, please contact the CREO Chief/DoD Region 7 REC at (816) 983-3449 or Regional Counsel at (816) 983-3448. CREO stands ready to assist you in resolving these types of issues.

AELC Call for Army Environmental Legislative Proposals. The US Army prepares and submits to the Office of the Secretary of Defense (OSD) proposals to address a wide variety of issues, including environmental, for subsequent submittal to OMB and to the Congress. In late 2002, the **Army Environmental Legislative Committee (AELC)** was established to, among other things, streamline the process for the Army's development of environmental and related legislative proposals for submittal to OSD.

AELC continuously solicits input for environmental legislative concepts/proposals for the Defense Authorization and Appropriations Bills. **AELC** then selects environmental concepts that the Army would like to pursue. Technical and legal support is provided to ensure that each concept is developed into a format consistent with DoD guidance for the submittal of legislative proposals. Submissions should be coordinated through your chain of command to your organization's **AELC** point of contact. More information can be obtained from the **US Army Environmental Center** at (410) 436-1220. **USAEC** serves as secretary and provides staff support to **AELC**.

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REGION 6 STATE ACTIVITY

Regulatory & Legislative Web Sites

Arkansas Department of Environmental Quality (ADEQ)	http://www.adeq.state.ar.us
Arkansas General Assembly	http://www.arkleg.state.ar.us/
Louisiana Department of Environmental Quality (LDEQ)	http://www.deq.state.la.us
Louisiana Legislature	http://www.legis.state.la.us/
New Mexico Environment Department (NMED)	http://www.nmenv.state.nm.us/
New Mexico Legislature	http://legis.state.nm.us/
Oklahoma Department of Environmental Quality (ODEQ)	http://www.deq.state.ok.us
Oklahoma Legislature	http://www.lsb.state.ok.us/
Texas Commission on Environmental Quality (TCEQ)	http://www.tnrcc.state.tx.us
Texas Legislature	http://www.capitol.state.tx.us/

ARKANSAS

Legislative/Regulatory Activity

No significant regulatory activity reported this month.

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LOUISIANA

Legislative/Regulatory Activity

STATE OF LOUISIANA LEGISLATION PASSED

(Effective 12 July 2005) Louisiana H.B. 428 - Renewable Portfolio Standards, Land Use. H.B. 428 authorizes the State Mineral Board in conjunction with the Secretary of the Department of Natural Resources to lease state lands and water bottoms for the exploration, development, and production of energy from wind. The bill was sent to Governor Kathleen Blanco on 27 June 2005 who signed the bill on 12 July. The measure is effective upon signing. To view the bill, please go to <http://www.legis.state.la.us/billdata/streamdocument.asp?did=319953>. Sponsor: Representative Wilfred Pierre (D)

STATE OF LOUISIANA FINAL RULES

(Effective 30 July 2005) LA Department of Environmental Quality (LDEQ) Renewed Emergency Rule: Remediation of Sites with Contaminated Media (WS084E5) (LAC 33:V.Chapter 109). The Department renewed an emergency regulation to remove a regulatory hurdle that deters site remediation. Prior to this emergency ruling, the existing regulation caused contaminated environmental media to retain the description of having RCRA-listed waste "contained-in", thereby slowing the remediation of the site or possibly halting it completely due to administration and disposal issues. The incentive to remediate pollution stems from the substantially reduced disposal and transportation costs for contaminated environmental media that are not required to be managed in the same manner as hazardous waste. The rule results in simplification of the waste handling process by reducing administrative requirements and providing greater consistency with non-RCRA waste handling requirements and practices. The Department has renewed the rule again, effective 30 July 2005. The rule will be in effect for 120 days or until a final rule is promulgated. The renewed rule is available online at <http://www.deq.state.la.us/planning/regs/pdf/HW084E6.pdf>. For additional information, please call John Rogers at (225) 765-0168.

(Effective 20 July 2005) LA Department of Environmental Quality Final Regulation: Incorporation by Reference of Federal New Source Performance Standards (LAC 33:III.Chapter 30). LDEQ finalized revisions to its regulations that govern New Source Performance Standards (NSPS). The amendments incorporate by reference federal updates to (1) the Part 70 operating permits program; (2) capture efficiency test procedures for organic compounds emission control; (3) the National Emission Standards for Hazardous Air Pollutants for Source Categories; and (4) chemical accident prevention and minimization of consequences. The regulations are final,

effective 20 July 2005. The final version of the amendments is available at <http://www.deq.state.la.us/planning/regs/pdf/AQ251ftfin.pdf>. For additional information, please call Teri Lanoue at (225) 219-3181.

(Effective 20 July 2005) LA Department of Environmental Quality Final Regulation: Housekeeping Amendments to Environmental Regulations (OS063) (LAC 33:I, III, V, VII, IX and XI). LDEQ finalized amendments to make "clean up" changes to its environmental regulations. The amendments update the air, hazardous waste, solid waste, water quality, and underground storage tank regulations. The amendments also make typographical corrections, update references, and revise wording in order to make the regulations consistent. The amendments are final effective 20 July 2005. The final version of the amendments is available at http://www.deq.state.la.us/planning/regs/pdf/OS063fin_with_TA.pdf. For additional information, please contact Judith Schuerman at (225) 219-3550.

STATE OF LOUISIANA PROPOSED RULE

(UPDATE) LA Department of Environmental Quality Advance Draft Regulation: New Rule to Reduce Particulate Matter Emissions from Abrasive Blasting (0504Pot1) (LAC 33:III.Chap. 13, Subchapter F). LDEQ issued an advance rulemaking draft for public comment that establishes new regulations for the control of particulate matter emissions from abrasive blasting. The draft regulations include guidance regarding materials that are prohibited from use as abrasives, required control equipment, maintenance of control equipment, and recordkeeping requirements. Staff hopes to publish a formal proposal for this rule in the Louisiana Register in August or September 2005. The advance draft is available at <http://www.deq.state.la.us/planning/regs/pdf/0504POT1.pdf>. For additional information, please call Jennifer Mouton at (225) 219-3700.

CREO Comment: All Louisiana installations are encouraged to review this proposed regulation and evaluate the potential for impact on operations.

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NEW MEXICO

Legislative/Regulatory Activity

OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(Effective 22 August 2005) EPA Approval and Promulgation of Air Quality Implementation Plans; New Mexico, Albuquerque/Bernalillo County. This action finalizes EPA's approval of the State Implementation Plan (SIP) revisions submitted by the Governor of New Mexico on 7 September 2004. The submittal revises the second ten-year carbon monoxide (CO) maintenance plan for the Albuquerque/Bernalillo County, New Mexico area. The submittal also revises the relevant parts of the New Mexico Administrative Code (NMAC) including revisions to the General Provisions, Inspection and Maintenance (I&M) Program, and the contingency measures. EPA is finalizing approval of these revisions in accordance with the requirements of the Federal Clean Air Act (the Act). This rule is effective on 22 August 2005.

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OKLAHOMA

Legislative/Regulatory Activity

STATE OF OKLAHOMA PROPOSED RULES

(UPDATE) OK Department Of Environmental Quality Proposed Regulation Published 15 June 2005: Amendments to New Source Review Regulations (OAC 252:100-1-3, 252:100-8, 252:100-37-2, 252:100-39-2). The Department has proposed revisions to its New Source Review (NSR) regulations that update the regulations with new federal requirements. The proposed amendments to the regulations: (1) revise the method for determining whether a modification to an NSR source qualifies as a major modification; (2) add Clean Unit Exclusions, Pollution Control Project Exclusions, and Plantwide Applicability Limitations Exclusions for the NSR regulations; (3) revise the Volatile Organic Compound definition to update it with the new federal definition; and (4)

revoke the 1-hour Ozone standard from the Primary and Secondary Ambient Air Quality standards. Staff plans to bring the proposal before the Environmental Quality Board for review on 23 August 2005. The proposed rules are available at http://www.deq.state.ok.us/AQDnew/council_mtgs/jul05/jul05rules.htm. For additional information, please contact Scott Thomas at (405) 702-4100.

(UPDATE) OK Department of Environmental Quality Re-Proposed Regulation: Amendments to the State (Air) Toxics Program Published 15 March 2005 (OAC 252:100-41). ODEQ has proposed updates to the State Toxics program in Chapter 41. The Department plans to adopt amendments that partition existing Subchapter 41 into two subchapters. The amendments clarify and modify the state-only requirements for emissions from stationary sources, and relocate these requirements into a new Subchapter 42 and Appendix O. Subchapter 41 would contain the federal requirements for Hazardous Air Pollutants and Asbestos. Staff reports that the Environmental Quality Board adopted the regulations on 21 June 2005. The regulations will undergo legislative review in 2006 and will become effective on 15 June 2006 if approved. The updated versions of the Subchapters 41 and 42 and Appendix O proposals are available at [http://www.deq.state.ok.us/AQDnew/proposedrules/apr05/SUBCHAPTER%2041%20\(3-09-05\)R.pdf](http://www.deq.state.ok.us/AQDnew/proposedrules/apr05/SUBCHAPTER%2041%20(3-09-05)R.pdf), [http://www.deq.state.ok.us/AQDnew/proposedrules/apr05/42\(3-14-05\)b.pdf](http://www.deq.state.ok.us/AQDnew/proposedrules/apr05/42(3-14-05)b.pdf), and [http://www.deq.state.ok.us/AQDnew/proposedrules/apr05/APPENDIX%20O%20\(03-15-05\).pdf](http://www.deq.state.ok.us/AQDnew/proposedrules/apr05/APPENDIX%20O%20(03-15-05).pdf). For additional information, please contact Dawson Lasseter at (405) 702-4100.

(UPDATE) OK Department of Agriculture, Food, and Forestry Proposed Regulation Published 1 September 2004: Repeal of Restricted Zones for the Application of Hormone Type Pesticides (OAC 35:30-17-31 through 35:30-17-53). The Department has proposed the repeal of the regulations that allow establishment of restricted areas for the application of hormone type pesticides. The current regulations restrict the application of hormone type pesticides in certain areas without a special permit. The Department of Agriculture is proposing the repeal of the regulations due to the passage of House Bill 2402 in the 2004 legislative session that revokes the Department's authority to establish the restricted areas. Staff now anticipates that the regulations will be published as final and effective by the end of July 2005. For additional information, please contact Teena Gunter at (405) 522-4576.

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TEXAS

Legislative/Regulatory Activity

The Texas legislature adjourned *sine die* on 30 May 2005. However, Governor Perry has called a special session primarily focused on school finance, protection of private property rights and tax reform to convene on 11 July 2005. Another special session was called for 21 July 2005 to complete work on school financing. Legislators took the opportunity to bring back bills that "died" at the end of the regular session. The Texas Constitution limits passage of bills to those that are included in the call, but Governor Rick Perry (R) has said he would consider opening up the session to other measures if the Legislature can come up with a plan to reduce property taxes and put more money into public schools before the end of the special session. While bills can be introduced and heard, they cannot be passed unless the Legislature expands their issue scope.

STATE OF TEXAS SPECIAL SESSION LEGISLATION

(Re-introduced bill) **Texas H.B. 39 - Environmental Administrative Procedures.** This bill addresses compliance histories for and incentives to reward compliance performance by entities regulated by the Texas Commission on Environmental Quality. The bill failed upon adjournment 20 July 2005. To view the legislation, please go to <http://www.capitol.state.tx.us/cgi-bin/tlo/textframe.cmd?LEG=79&SESS=1&CHAMBER=H&BILLTYPE=B&BILLSUFFIX=00039&VERSION=1&TYPE=B>. Sponsor: Representative Wayne Smith (R)

(Re-introduced bill) **Texas H.B. 41 – Groundwater.** H.B. 41 addresses the maximum permitted withdrawals and critical period management of groundwater in the area regulated by the Edwards Aquifer Authority and to the operations and oversight of the Edwards Aquifer Authority. The bill failed upon adjournment 20 July 2005. To view the legislation, please go to <http://www.capitol.state.tx.us/cgi-bin/tlo/textframe.cmd?LEG=79&SESS=1&CHAMBER=H&BILLTYPE=B&BILLSUFFIX=00041&VERSION=1&TYPE=B>. Sponsor: Representative Robert Puente (D)
Companion bill: S.B. 24

(Re-introduced bill) **Texas S.B. 39 - Radioactive Waste, Hazardous Waste**. S.B. 39 transfers jurisdiction over the disposal of all radioactive waste, except oil and gas naturally occurring radioactive material (NORM) waste, to the Texas Commission on Environmental Quality (TCEQ) and implements a fee on license holder gross receipts to be charged for the disposal of all radioactive waste, other than oil and gas NORM and low-level radioactive waste. The bill also transfers all disposal, storage, and processing of oil and gas NORM waste, including the maintenance and decontamination of oil field equipment, to the Railroad Commission of Texas (RCT). The bill failed upon adjournment 20 July 2005. To view the legislation, please go to <http://www.capitol.state.tx.us/cgi-bin/tlo/textframe.cmd?LEG=79&SESS=1&CHAMBER=S&BILLTYPE=B&BILLSUFFIX=00039&VERSION=1&TYPE=B>. Sponsor: Senator Robert L. Duncan (R)

STATE OF TEXAS PROPOSED RULES

(NEW) **TX Commission on Environmental Quality Draft Regulation: Minor Amendments to Texas Risk Reduction Program (30 TAC 350)**. The Commission has drafted amendments to its Texas Risk Reduction Program (TRRP) regulations that govern the cleanup and management of hazardous wastes and substances, and the closure of waste management facility components. The draft amendments revise the rule language for clarity and correct errors but will not include any substantive revisions. The Commission will hold a public meeting on 17 August 2005. Comments are due on 1 September 2005. The draft is available at <http://www.tnrcc.state.tx.us/permitting/remed/techsupp/350revisions.pdf>. For additional information, please call Phyllis Primrose at (512) 239-0730.

(UPDATE) **TX Commission on Environmental Quality Proposed Regulation: Revision of Official Maps for Edwards Aquifer Recharge Zone (2003-029-213-WT) (30 TAC 213.3 (27))**. The Commission is revising the official maps for the Edwards Aquifer recharge zone that are incorporated by reference in 30 TAC 213.3 (27). Owners or developers of land in certain areas that are currently in transition or contributing zones may be directly affected by re-designation of those areas as recharge zone. The proposal to re-designate certain areas from transition zones to recharge zones will not change the current aboveground or underground storage tank requirements in those areas. However, the re-designation could affect the regulation of activities such as the construction of buildings, utility stations, utility lines, roads, highways, or railroads as well as the clearing of land or other activities, which may affect the topographic or stormwater runoff characteristics of a site. Commissioners are scheduled to review the regulations for adoption on 10 August 2005. The proposed amendments are available at http://www.tnrcc.state.tx.us/oprd/rule_lib/proposals/03029213_pro.pdf. For additional information, please contact Debi Dyer at (512) 239-3972.

(UPDATE) **TX Commission on Environmental Quality Proposed and Adopted SIP Revisions: Early Action Compact Plans**. TCEQ is proposing revisions to the SIP that incorporates Early Action Compact Plans submitted to the Commission at the end of March 2004. The plans are for the three near non-attainment areas of Austin-San Marcos, San Antonio, and Northeast Texas. These three areas each entered into an EAC with TCEQ and EPA, and committed to developing Clean Air Action plans for the attainment and maintenance of the 8-hour ozone standard within the areas. EPA has approved proposal of these revisions and accepted comments regarding its proposed approval of the Northeast Texas 15 June 2005 and Austin and San Antonio revisions 22 June 2005. EPA will publish final notice of approval in the Federal Register. The EAC plans for the Austin, San Antonio, and Northeast Texas areas are available at http://www.tnrcc.state.tx.us/oprd/sips/AUS_EAC_032904.pdf, http://www.tnrcc.state.tx.us/oprd/sips/SA_EAC_ExecSum_033104.pdf, and http://www.tnrcc.state.tx.us/oprd/sips/NET_EAC_033104.pdf. For additional information, please contact Gerry Wolfe (512) 639-4703.

(UPDATE) **TX Commission on Environmental Quality Draft Regulation: Amendments to Emissions Events Rule (30 TAC 101)**. TCEQ has drafted amendments to its rules that govern emissions events requirements. The amendments: (1) remove the 30 June 2006 expiration date for the section that contains operational requirements, demonstrations, and actions to reduce excessive emissions; (2) revise the recordkeeping and reporting requirements; (3) revise the demonstration standards and the notice requirements; (4) provide an affirmative defense for certain emissions from scheduled maintenance, startup and shutdown activities; and (5) add a "regulated entity" definition. The Commissioners approved the proposal on 29 June 2005. The Commission will hold public hearings on 2, 3, 4, 5 and 8 August 2005. Comments are due on 8 August. The draft amendments are available at http://www.tceq.state.tx.us/assets/public/legal/rules/rule_lib/proposals/050241_01_pro.pdf. For additional information, please contact Steve Ligon at (512) 239-4527.

OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(Effective 13 July 2005) EPA Approval and Promulgation of Air Quality Implementation Plans; Revisions to Control Volatile Organic Compound Emissions, Correction.

EPA issued a direct final rule on 29 March 2005 that approved Texas State Implementation Plan (SIP) revisions. The approved revisions pertain to regulations to control volatile organic compound (VOC) emissions from solvent degreasing processes, cutback asphalt, and motor vehicle fuel dispensing facilities. The language in the 29 March 2005 Federal Register amended the table in 40 CFR 52.2270(c) titled "EPA Approved Regulations in the Texas SIP." The amendatory language failed to update the table for control of vehicle refueling emissions (Stage II) at motor vehicle fuel dispensing facilities, and add a table heading for cutback asphalt regulations. This document corrects these two mistakes. This correction is effective on 13 July 2005. For additional information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/July/Day-13/a13695.htm>.

(Final June 2005) TX Commission on Environmental Quality Draft Plan: April 2005 Update to Water Quality Management Plan.

TCEQ finalized an April 2005 update of the Water Quality Management Plan (WQMP). The WQMP is developed and promulgated in accordance with the requirements of the Federal Clean Water Act (CWA), Chapter 208. The April 2005 report contains projected effluent limit updates. The update became final in June 2005. The final update is available at http://www.tnrc.state.tx.us/permitting/waterperm/wqmp/apr_05_final.pdf. For additional information, please contact Nancy Vignali at (512) 239-1303.

(UPDATE) TX Commission on Environmental Quality Revised Draft Report: Water Quality Inventory and 303(d) List.

TCEQ has issued a revised 2004 Draft Water Quality Inventory and 303(d) List report for public comment. The revision lists the changes made to the list since the Commission originally released it in January 2004. The Commission is soliciting comments on: (1) any new information contained in its 2004 Assessments of Individual Water Bodies; (2) categories assigned to parameters where new information has caused the category to change; (3) guidance changes indicated as new and not implemented before 2004; and (4) TMDL ranking. Staff reports that the list was submitted to USEPA in June 2005 and that the Commission is awaiting approval. The revised draft is available online at http://www.tnrc.state.tx.us/water/quality/04_twqi303d/ChangesSinceJan23.pdf. For additional information, please call Patrick Roques at (512) 239-4604.

(UPDATE) TX Commission on Environmental Quality Departmental Discussion: Revisions to Permits by Rule for Stationary Engines and Turbines (30 TAC 106.512).

TCEQ is discussing a rulemaking to amend its regulations that govern permits by rule for gas or liquid fuel-fired stationary internal combustion reciprocating engines or gas turbines. The amendments streamline and clarify the permitting requirements. The tentative proposal date has been delayed to 8 February 2006. For additional information, please contact Alan Henderson at (512) 239-1510.

(UPDATE) TX Commission on Environmental Quality Departmental Discussion: Updates to Federal New Source Review Permitting in State Implementation Plan (30 TAC 116).

TCEQ is discussing a rulemaking to update federal New Source Review permitting in the State Implementation plan to revise permitting requirements for federal Prevention of Significant Deterioration and non-attainment projects. The new tentative date for review of the proposal is now 14 September 2005. For additional information, please contact Alan Henderson at (512) 239-1510.

(UPDATE) TX Commission on Environmental Quality Departmental Discussion: Potential Amendments to the Ground Level Concentrations for Particulate Matter (30 TAC 111.155).

The Commission is discussing potential amendments to the allowable ground level concentrations for the emissions of particulate matter for non-agricultural sources. The current ground level concentrations are 200 micrograms per cubic meter averaged over any 3 consecutive hours and 400 micrograms per cubic meter averaged over any 1 hour period. Staff reports that the Commission will have a better idea of what revisions it will make after it solicits stakeholder input. Staff reported that the Commission plans to convene a stakeholder group and hold at least one meeting to gather input for the possible amendments to this rule. A stakeholder group met 5 April 2005. Commission staff is currently working on a proposal draft and developing a timeline for rulemaking. For additional information, please contact Kathy Ramirez (512) 239-6757.

(UPDATE) **TX Commission on Environmental Quality Departmental Discussion: Amendments to RCRA Standards, HAP Standards for Combustors and Solid Waste Definition (30 TAC Chapters 305 and 335)**. The Commission is discussing amendments to update its regulations with federal changes to RCRA clusters XI-XIII. The Commission is also discussing amending combustor hazardous air pollutant standards and amending the definition of solid waste in the same rulemaking package. The Commissioners are tentatively scheduled to review this proposal in October 2005. *For additional information, please contact Cynthia Palomares at (512) 239-6079.*

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REGION 7 STATE ACTIVITY

Regulatory & Legislative Web Sites	
Iowa Department of Natural Resources (IDNR)	http://www.state.ia.us/dnr/
Iowa General Assembly	http://www.legis.state.ia.us/
Kansas Department of Health and Environment (KDHE)	http://www.kdhe.state.ks.us
Kansas Legislature	http://www.kslegislature.org/cgi-bin/index.cgi
Missouri Department of Natural Resources (MDNR)	http://www.dnr.state.mo.us/homednr.htm
Missouri General Assembly	http://www.moga.state.mo.us/
Nebraska Department of Environmental Quality (NDEQ)	http://www.deq.state.ne.us
Nebraska Legislature	http://www.unicam.state.ne.us/

IOWA

Legislative/Regulatory Activity

The Iowa legislature adjourned *sine die* on 30 May 2005.

STATE OF IOWA PROPOSED RULE

(UPDATE) **IA Department of Natural Resources Proposed Amendment 11 May 2005: Emissions Standards for Contaminants (567 IAC 23)**. The Department has proposed an amendment to Chapter 23 "Emission Standards for Contaminants." This amendment would clarify that ordinary travel on an unpaved public road includes routine traffic and road maintenance activities. Scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface are considered to be road maintenance activities that are classified as ordinary travel. Unpaved public road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping are not continuous by nature and are normally of a short duration at a specific location. These activities usually do not generate particulate matter in quantities sufficient to be considered a nuisance or a threat to public health. The Department has historically treated these types of road maintenance activities as ordinary travel. The comment period was extended to 18 July 2005. To view the amendments, please go to <http://www.legis.state.ia.us/Rules/Current/Bulletin/IAB050511.pdf> (page 17 of 92). *For additional information, please contact Christine Paulson at (515) 242-5094.*

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KANSAS

Legislative/Regulatory Activity

OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(NEW) **KS Water Office Proposed Revisions: Changes to Five Western Kansas River Basins Sections of the Kansas Water Plan**. The Kansas Water Office is proposing revisions to the five western Kansas river basins section of the Kansas Water Plan, to be considered at public hearings held in conjunction with the Basin Advisory Committee meetings. The revisions include (1) a procedural change to allow greater flexibility in providing updated priority area maps used to define aquifer subunits for managements priorities and goals; and (2) updates to the Upper Arkansas River Quality and Streamflow priority issue of the Upper Arkansas Basin Section, including a new USEPA-approved standard for sulfate. The proposed revisions are not available on-line. Text of the proposed

revisions is available upon request. Public hearings were held 26, 27, and 28 July 2005. *For additional information, please contact Susan Stover at (785) 296-0877.*

(UPDATE) KS Department of Health and Environment Draft TMDL: Chloride TMDL for Lower Arkansas Basin. The Department has developed chloride TMDLs for the Lower Arkansas Basin. The water bodies, which will receive TMDLs, include: segments of the Arkansas River, Turkey Creek, Cow Creek, and the Upper Little Arkansas River. Five additional TMDLs will be developed including: (1) Arkansas River reaches from Maize to Derby (S of Wichita); (2) Arkansas River from Derby to the Oklahoma state line; (3) Cow Creek above Hutchinson; (4) Turkey Creek; and (5) the Little Arkansas River north of Wichita. A draft TMDL for chloride along the Arkansas River from Hutchinson to Maize is now complete. Public hearings have yet to be scheduled. Staff has delayed the TMDL until TMDLs in the Neosho and Smoky Hill Basins are completed. Staff indicates that the Department will continue to work on chloride TMDLs for the Lower Arkansas Basin during the fall of 2005, and that submission of these TMDLs to USEPA will occur between the end of 2005 to 30 June 2006. The TMDL document can be viewed at http://www.kdhe.state.ks.us/tmdl/la/hutch_cl.pdf. *For additional information, please contact Tom Stiles at (785) 296-6170.*

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MISSOURI

Legislative/Regulatory Activity

STATE OF MISSOURI PROPOSED RULES

(NEW) MO Department of Natural Resources Preliminary Regulation: Initial Draft of Revisions to New Source Review Regulations (2698) (10 CSR 10-6.060). The Department has issued a preliminary draft of revisions to its New Source Review (NSR) regulations. The revisions update the following provisions: (1) Baseline emissions determination; (2) Actual-to-future actual methodology; (3) Plantwide applicability limitations; (4) Clean units; and (5) Pollution control projects. Note that the Department will also amend corresponding references in 10 CSR 10-6.100. The Department will accept comments on the preliminary draft through 26 August 2005. The preliminary draft is available at <http://www.dnr.state.mo.us/alpd/apcp/Rules/RID/6-060/6-060drt.pdf>. *For additional information, please contact Rick Campbell at (573) 751-4817.*

(NEW) MO Department of Natural Resources Draft Regulation: Amendments to Ambient Air Quality Requirements for Ozone and Particulate Matter (0767, 0768, 0769, 0770) (10 CSR 10-6.010, 10-6.020, 10-6.030 and 10-6.040). The Department is drafting amendments to its ambient air quality standards. The rulemaking incorporates new and revised federal standards for ozone and particulate matter, including the addition of PM_{2.5} as a type of particulate matter. The amendments also update sampling and testing methods for ambient air quality standards. The tentative public hearing date is 29 September 2005. The tentative comment due date is 6 October 2005. *For additional information, please contact Paul McConnell at (573) 751-4817.*

(UPDATE) MO Department of Natural Resources Proposed Regulation Published 18 January 2005: Amendments to Basic and Intermediate Operating Permit Program (2645) (10 CSR 10-6.065). MDNR has proposed revisions to its basic and intermediate operating permit programs. The revisions to the operating permit program for basic sources include the treatment of fugitive emissions with regard to applicability, an installation equipment log for the record keeping requirement, a clarification of permit amendments and modifications, the removal of the annual compliance certification, and a revised operating permit notification. The changes to the operating permit program for intermediate sources would revise the program to mirror 40 CFR Part 0, which adds flexibility to the processing of permits. Based on this rulemaking, the Missouri Air Conservation Commission has granted a variance from the existing basic operating permit requirements of 10 CSR 10-6.065(4)(G), Notification Contents, by allowing basic installations to use the revised operating permit notification forms. Because of the variance, basic installers will not be required to submit an annual compliance certification requirement for 2003 under 10 CSR 10-6.065(4)(I), Compliance Reporting obligations. The Order of Rulemaking was published in the 1 August 2005 Missouri Register. The regulations will become effective 30 days after publication in the Code of Missouri State Regulations. The tentative effective date is 30 September 2005. The proposed rules are available at pdf pages 6-16 of the Proposed Rules section of the 18 January 2005 Missouri Register: <http://www.sos.mo.gov/adrules/moreg/current/2005/v30n2/v30n2b.pdf>. The revised basic operating permit notification form is available under the heading "Air Pollution" and subheading "Generic Operating Permit" at <http://www.dnr.mo.gov/oac/forms>. *For additional information, please contact Ben Elmore at (573) 751-4817.*

(UPDATE) **MO Department of Natural Resources Proposed Rule Published 1 April 2005: Adoption by Reference of Federal Emission Standards (2656, 2658, & 2659) (10 CSR 010-6.070, 10-6.075 & 10-6.080).** MDNR is proposing to adopt by reference federal emissions standards. The rulemaking adopts two, four, seven, and ten year Maximum Achievable Control Technology (MACT) standards. The rulemaking also adopts performance criteria for new or modified stationary sources of hazardous air pollutants. The Air Conservation Commission adopted the amendments 30 June 2005. Staff anticipates that the regulations will be published in September or October 2005 and will become effective 30 November 2005. The proposed rules are on pages 27-31 of the 1 April 2005 MO Register, available at <http://www.sos.mo.gov/adrules/moreg/current/2005/v30n7/v30n7b.pdf>. For additional information, please contact Don Cripe at (573) 751-4817.

(UPDATE) **MO Department of Natural Resources Draft Rules Published 2 May 2005: Amendments to Transportation Conformity Regulations (10 CSR 10-2.390 and 10-5.480).** The Department has issued draft proposals that amend the transportation conformity regulations for Kansas City and St. Louis. The amendments revise the regulations to update recent changes to the federal transportation conformity rules. The updates include new transportation conformity standards for 8-hour ozone and PM_{2.5}. The Department plans to adopt the rulemaking by the end of summer 2005 and to file the rulemaking with the Secretary of State for publication in October 2005. The proposed rules are in the Proposed Rules section of the 2 May 2005 Missouri Register, available at <http://www.sos.mo.gov/adrules/moreg/current/2005/v30n9/v30n9c.pdf>. For additional information, please contact Don Cripe at (573) 751-4817.

(UPDATE) **MO Department of Natural Resources Proposed Regulation Published 2 May 2005: Amendments to Water Quality Standards Based on Triennial Review (10 CSR 020-07.031).** MDNR has completed a 2003 triennial review of Missouri's water quality standards and has proposed amendments to the standards. In addition to other changes, the amendments: (1) add whole-body contact recreation use to all classified waters in the state; (2) revise definitions of 7-day and 60-day Q10; (3) add definitions of 30-day and 1-day Q10; (4) add language for antidegradation policy implementation development; (5) remove language associated with site-specific dissolved oxygen; (6) add language for site-specific criteria methods for all water quality criteria for the protection of aquatic life; and (7) replace existing ammonia criteria with new criteria. The Department plans to adopt the rules and obtain legislative approval in fall 2005. Staff anticipates publishing the final rules in November 2005. The proposed amendments are in the Proposed Rules section of the 2 May 2005 Missouri Register, available at <http://www.sos.mo.gov/adrules/moreg/current/2005/v30n9/v30n9c.pdf>. For additional information, please contact Phil Schroeder at (573) 751-6825.

OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(NEW) **MO Department of Natural Resources Workgroup: Open Burning Regulation Workgroup (10 CSR 010-2.100, 10 CSR 10-3.030, 10 CSR 10-4.090, 10 CSR 10-5.070).** The Department has formed an open burning workgroup to examine the Department's open burning regulations as a precursor to potential rule changes. The Department would like to improve the regulations by: (1) reducing inconsistencies between regional and local regulations; (2) making the regulations more flexible when appropriate; and (3) clarifying the intent of the regulations. The Department will hold a workgroup meeting 23 August 2005. For additional information, please contact Paul Myers (573) 751-4817.

(Effective 12 August 2005) EPA Approval and Promulgation of Implementation Plans; State of Missouri. EPA is announcing the approval of an amendment to the statewide NO_x rule for the state of Missouri. The purpose of this rule is to reduce the state's contribution to the St. Louis 8-hour ozone non-attainment area. Consequently, the reductions in NO_x emissions will also help to reduce the amount of PM_{2.5} precursors in the area. This action is necessary to complete the process of incorporating the amended rule into Missouri's ozone SIP. This rule is effective on 12 August 2005. For more information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/July/Day-13/a13696.htm>.

(UPDATE) **MO Department of Natural Resources Departmental Discussion: Risk-Based Remediation of Groundwater (10 CSR 20-7.040).** This rule is intended to complement federal and state laws and regulations. Any person conducting a groundwater cleanup under the authority of any state environmental statute would follow the process contained in this rule. The rule further defines the procedures that are presently allowed under the Missouri Water Quality Standards 10 CSR 20-7.031(5)(D). Unless site-specific alternative groundwater cleanup standards are established through these procedures, the values in Table A or other parts of the Missouri Water Quality Standards remain the cleanup standards for groundwater. Alternative standards may be established to

reflect site-specific, risk-based exposure conditions, institutional controls, continuing monitoring, and other aspects of remedial action plans. The procedures in this rule will be phased into current operations under existing authority. The tentative schedule for this rulemaking has been revised. The Department now plans to file a proposed rulemaking with the Secretary of State 1 November 2005. *For additional information, please contact John Madras at (573) 751-1123.*

(UPDATE) MO Department of Natural Resources Draft Document: Missouri Risk-Based Corrective Action Technical Guidance. The Department has drafted a Missouri Risk-Based Corrective Action Technical Guidance document. The draft amends existing guidance through the addition of methodology for ecological risk assessment at the Default Target Level. The draft adds a section to provide guidance on long-term stewardship of cleanup sites. The draft also adds information regarding an internal dispute resolution process for the resolution of issues prior to a formal hearing. Additionally, the draft adds language that requires departmental approval of field data collection. Staff anticipates that the guidance will become final by the end of August 2005. The draft document and appendices are available at [http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-first\(sections\)02-18-05.pdf](http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-first(sections)02-18-05.pdf) and [http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-second\(appendices\)02-18-05.pdf](http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-second(appendices)02-18-05.pdf). *For additional information, please contact Linda Vogt at (573) 751-2747.*

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NEBRASKA

Legislative/Regulatory Activity

STATE OF NEBRASKA PROPOSED RULES

(UPDATE) NE Department of Environmental Quality Draft Regulation: Adoption of Federal Rules for the New Source Review Prevention of Significant Deterioration Program (Title 129, Chapter 19). NDEQ is drafting rules to add a new Chapter 19 to its air regulations. The new chapter adopts a state-specific version of the federal rules for NSR, PSD. Staff anticipates that the Department will bring the revisions before the Environmental Quality Council in September 2005. Additional information and the draft rule can be found on NDEQ's website at <http://www.deq.state.ne.us/>. *For additional information, please contact Bev Kellison at (402) 471-3588.*

(UPDATE) NE Department of Environmental Quality Proposed Regulation: Amendments to VOC Definition and MACT Standards (Title 129, Chapters 1, 17, and 28). The Department has proposed amendments to its air quality regulations to adopt recent federal-level revisions and to make additional changes. The amendments update the definition of Volatile Organic Compounds (VOC) to reflect changes to the federal definition of regulated VOCs. The amendments also clarify construction permit application fee rules and add a recently adopted state statutory permit fee structure. Additionally, the amendments adopt revisions to federal Maximum Achievable Control Technology (MACT) standards by reference. The amendments also add an exception to the open fire ban to allow fires used for religious activities. The regulations were forwarded to the Attorney General's Office 24 June 2005 and are currently under review. The proposed amendments are available at <http://www.deq.state.ne.us/Proposed.nsf/pages/t129-6-2-05>. *For additional information, please contact Thomas Lamberson at (402) 471-2186.*

(UPDATE) NE Department of Environmental Quality Draft Regulation: Amendments to Wastewater Treatment Facility Standards (Title 123). NDEQ is drafting amendments to its regulations for the design, operation, and maintenance of wastewater treatment facilities. The amendments include the addition of definitions and administrative changes. The Department now hopes to bring a draft before the Council at their meeting scheduled for 9 September 2005. *For additional information, please contact Thomas Lamberson at (402) 471-2186.*

OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(UPDATE) NE Department of Environmental Quality Proposed TMDL: Big Blue River Basin, Little Blue River Basin and Republican River Basin TMDLs. The Department has issued Total Maximum Daily Loads (TMDLs) for the Big Blue River Basin, Little Blue River Basin, and Republican River Basin. The TMDLs address fecal coliform and E. coli bacteria impairment in the river basins. EPA approved the TMDLs in spring 2005. *For additional information, please contact Pat O'Brien at (402) 471-3382.*

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EPA FINAL RULES

(Effective 12 September 2005) Toxics Release Inventory Reporting Forms Modification Rule. EPA is simplifying the Toxics Release Inventory (TRI) reporting requirements to improve reporting efficiency and effectiveness, reduce burden, and promote data reliability and consistency across Agency programs. TRI reporting is required by Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and section 6607 of the Pollution Prevention Act (PPA). This rule simplifies the TRI reporting requirements by removing some data elements from the Form R and Form A Certification Statement (hereafter referred to as Form A) that can be obtained from other EPA information collection databases, streamlining other TRI data elements through range codes and a reduced number of reporting codes, and eliminating a few data elements from the Form R. This rule also makes two technical corrections to the regulations to provide corrected contact information and to remove an outdated description of a pollution prevention data element. This rule is effective on 12 September 2005. The first reports with the revised reporting requirements will be due on or before 1 July 2006, for reporting year (i.e., calendar year) 2005. Full text document location is

<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-13486.htm>.

(Effective 8 August 2005) Non-attainment Major New Source Review Implementation Under 8-Hour Ozone National Ambient Air Quality Standard: Reconsideration. EPA addressed certain implementation issues related to the 8-hour standard, including the non-attainment major New Source Review (NSR) program mandated by part D of title I of the Clean Air Act ("the Act" or "CAA"). The Agency concludes that the requirements for non-attainment major NSR under the 8-hour standard will be based on a non-attainment area's classification for the 8-hour standard, and that States may remove their 1-hour major NSR programs from their SIPs now that we have revoked the 1-hour standard. EPA believes that these conclusions are consistent with the Act, including section 110(l), of the anti-backsliding policy established for the 8-hour standard, and the ability of areas to achieve reasonable further progress (RFP) and attainment. This final action is effective on August 8, 2005. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-13483.htm>.

(Effective 5 August 2005) Final Rule: Discarded Equipment Containing Mercury Classified As Universal Waste. EPA added mercury-containing equipment to the universal waste rule. This rule provides streamlined management requirements tailored to several different kinds of waste. The types of waste governed by the universal waste rule are those that are frequently thrown in the trash by unregulated households and small businesses. Handlers of this new category of universal waste must prevent mercury releases by using specific containers that will not release any mercury. Final disposal and recycling requirements remain the same as for other federally regulated hazardous waste. Mercury-containing equipment includes devices, items, or articles that contain varying amounts of elemental mercury, including several types of instruments that are used throughout electric utilities and other industries, municipalities, and households. Some commonly recognized devices are thermostats, barometers, manometers, temperature and pressure gauges, and mercury switches, such as light switches in automobiles. Other items currently classified as universal waste are batteries, thermostats, pesticides, and lamps. For more information on the rule, go to <http://www.epa.gov/epaoswer/hazwaste/recycle/electron/crt.htm>.

(Effective 11 July 2005) Final Amendment National Emission Standards for Hazardous Air Pollutants: Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j). EPA is amending table 1 to subpart B of part 63 to reflect the revised deadlines in a recently amended consent decree. The final rule amendment (and amended consent decree) relates to boilers and hydrochloric acid production furnaces that burn hazardous waste. We are making the amendment by final rule, without prior proposal, because EPA views the amendment as a technical correction to an existing regulation. Full text document location is <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-13555.htm>.

(Effective on Publication in the Federal Register) Final Rule Notification: Standardized Hazardous Waste Storage and Non-thermal Treatment Permit. In advance of formal publication, EPA has released the final rule providing for a standardized hazardous waste permit. New sections, 40 CFR Part 267 and 40 CFR part 270, subpart J have been added. The standardized permit will be available to facilities that generate and then store or nonthermally treat hazardous waste on-site in tanks, containers, and containment buildings. The standardized permit will also be available to facilities that receive hazardous waste generated off-site by a generator facility under the

same ownership. To comply with standardized permitting, the facility owner must obtain (a standard) EPA (generator) identification number using EPA form 8700-12, submit a notice of intent, and follow the requirements in Part 267 for waste analysis, security, inspections, training, special waste handling, and location standards. Eligible portions (units) of existing RCRA permits may be converted to the standardized permit by request. Additionally:

- The facility must keep a permanent written operating record (Section 267.73).
- Section 267.101 requires corrective action for releases of hazardous waste or constituents from any solid waste management unit at the facility. (The Regional Administrator will specify corrective action in the supplemental portion of a facility's standardized permit.)
- Facility closure and certification requirements apply; the closure plan must be submitted with the initial notice of intent to use the standardized permit.
- Off-site facilities, that are eligible for the standardized permit, must submit a waste analysis plan with the notice of intent.

For more information on the rule, go to <http://www.epa.gov/epaoswer/hazwaste/permit/std-perm.htm>.

EPA PROPOSED RULE

Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. This action proposes standards of performance for stationary compression ignition (CI) internal combustion engines (ICE). These standards implement section 111(b) of the Clean Air Act (CAA) and are based on the Administrator's determination that stationary CI ICE cause, or contribute significantly to, air pollution that may reasonably be anticipated to endanger public health or welfare. The intended effect of the standards is to require all new, modified, and reconstructed stationary CI ICE to use the best demonstrated system of continuous emission reduction, considering costs, non-air quality health, and environmental and energy impacts, not just with add-on controls, but also by eliminating or reducing the formation of these pollutants. The proposed standards would reduce nitrogen oxides (NO_x) by an estimated 38,000 tons per year (tpy), particulate matter (PM) by an estimated 3,000 tpy, sulfur dioxide (SO₂) by an estimated 9,000 tpy, non-methane hydrocarbons (NMHC) by an estimated 600 tpy, and carbon monoxide (CO) by an estimated 18,000 tpy in the year 2015. Full text document location is <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-13338.htm>

OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

Notice of Data Availability: Receipt of Requests for Initial Certification of Predictive Emission Monitoring Systems. Notice is given of receipt of requests for initial certification of alternative monitoring systems for nitrogen oxides emissions under the Acid Rain Program or the NOX Budget Program. The emissions monitoring regulations require EPA to provide notice of each request in the Federal Register and, following a public comment period of 60 days, to approve or disapprove the request. EPA has recently received requests for initial certification of nine alternative monitoring systems. All of these are predictive emission monitoring systems (PEMS). In order to be considered equivalent to a continuous emission monitoring system, each of these PEMS must meet the regulatory requirements for approval of an alternative monitoring system. EPA has conditionally approved three of these PEMS and is still reviewing the other six PEMS petitions. Full text document location is <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-13784.htm>

Environmental Management System Implementation Date Approaching. Executive Order (EO) 13148, "Greening the Government Through Leadership in Environmental Management," directs all Federal agencies as follows:

- **By 31 December 2005**, each agency shall implement an environmental management system at all appropriate agency facilities based on facility size, complexity, and the environmental aspects of facility operations.
- The facility environmental management system shall include measurable environmental goals, objectives, and targets that are reviewed and updated annually.
- Once established, environmental management system performance measures shall be incorporated in agency facility audit protocols.

For more information regarding EMS implementation, please go to <https://www.denix.osd.mil/denix/DOD/Library/EMS/policy.html>

Deputy Administrator for EPA Confirmed. Marcus Peacock will be the new deputy administrator for the Environmental Protection Agency. Mr. Peacock was nominated by President Bush on 1 June 2005 and was confirmed by the U.S. Senate on 28 July 2005. Prior to his appointment to EPA, Mr. Peacock served as Associate Director, for Natural Resources, Energy, and Science, Office of Management and Budget. He served as the subcommittee staff director for the U.S. House of Representatives on the Oversight and Emergency Response Subcommittee of the Committee on Transportation and Infrastructure. Mr. Peacock holds a bachelor of science degree in industrial and systems engineering from the University of Southern California, and a master of public policy degree from Harvard University.

US FISH AND WILDLIFE SERVICE

Endangered and Threatened Wildlife and Plants; Reopening of the Comment Period on Proposed Designation of Critical Habitat for the Southwestern Willow Flycatcher. USFWS announces the reopening of the public comment period for the proposal to designate critical habitat for the southwestern willow flycatcher (*Empidonax traillii extimus*) to allow all interested parties to comment on the proposed critical habitat designation under the Endangered Species Act of 1973, as amended (Act) (16 U.S.C. 1531 et seq.).

AEC Comment: The southwestern willow flycatcher is recorded as contiguous to Fort Huachuca and White Sands Missile Range (IMA SW). Actions onsite could potentially affect critical habitat designated near the installation. According to the proposed rule, no critical habitat for the southwestern willow flycatcher has been proposed for designation on Army property. Although, it is not known if USFWS considered all the smaller Army properties within the area proposed for critical habitat. Critical habitat is being proposed in the following States and Counties (installations noted in parenthesis):

- Arizona - Apache, Cochise (Fort Huachuca), Gila, Graham, Greenlee, La Paz (Yuma Proving Ground), Maricopa (Buckeye Training Site, Papago Park Training Area), Mohave, Pinal (Florence Military Reservation), Yavapai, Yuma (Yuma Proving Ground).
- California - Inyo, Kern, Mono, Riverside (March USAR & AMSA 19), San Bernardino (Fort Irwin), San Diego, Santa Barbara,
- Colorado - Alamosa, Conejos, Costilla, Rio Grande.
- Nevada - Clark, Lincoln.
- New Mexico - Grant, Hidalgo, Mora, Santa Fe (Camel Tracks Training Site, Roswell Training Site, Deming Training Site), Socorro, Taos, Valencia.

For more information, please contact the Media manager at (410) 436-1564.

Endangered and Threatened Wildlife and Plants; 90-Day Finding on a Petition To List the American Eel as Threatened or Endangered. USFWS announces a 90-day administrative finding on a petition to list the American eel (*Anguilla rostrata*) under the Endangered Species Act of 1973, as amended (Act) because they find that the petition presents substantial information indicating that listing the American eel may be warranted. Therefore, USFWS is initiating a status review to determine if listing the species is warranted and to ensure that the review is comprehensive.

AEC Comment: The American eel occupies fresh, brackish, and coastal waters along the Atlantic Ocean from the southern tip of Greenland to northeastern South America, the inland waters near the Caribbean, the eastern Gulf of Mexico, and inland to the Mississippi River and Great Lakes drainages. This includes drainages in Louisiana, Arkansas, Missouri, and Iowa. For more information, please contact the Media manager at (410) 436-1564.

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REGIONAL MEETINGS

Region 7 Local Emergency Planning Committee 9 (LEPC) and Tribal Emergency Response Commission Conference (TERC). The conference brings the latest information about hazardous materials, emergency planning, and environment. The 2005 conference will also feature a session devoted to health and medical issues. The speakers will address issues of interest to health providers as well as first responders. The Local Emergency Planning Committee (LEPC)/Tribal Emergency Response Commission (TERC) is the main source for information about hazardous materials, emergency planning, and environmental risks in the community. EPA and FEMA, in conjunction with private industry, tribal, state and local governments have developed the conference to help LEPCs/TERCs conduct their jobs safely and more effectively. The meeting will be held on **17-20 August 2005** in **Kansas City, Missouri**. For additional details, please go to <http://www.marc.org/gti/lepc-terc.htm>.

2005 Kansas Environment Conference. This conference will be held on **23-25 August 2005** at the Hyatt Regency/Century II Convention Center in **Wichita, Kansas**. The 2005 environment conference hosted by the Kansas Department of Health and Environment, Division of Environment, will provide updates on environmental issues, new technologies, regulatory information, and pollution prevention. The goal of the conference is to provide businesses, industries, community leaders, consultants, and the public with an understanding of new regulations, current trends in environmental quality, new technologies, and advantages of pollution prevention. For more information, please go to http://www.kdhe.state.ks.us/sbcs/environment_conf.html.

Southwest Strategy Agency Coordinators Meeting. This meeting will be held on **21 September 2005** in **Phoenix, Arizona**. For additional information, please contact the Project Manager at (816) 983-3451.

Southwest Strategy Tribal Relations Support Team. This meeting will be held on **22 September 2005** in **Flagstaff, Arizona**. For additional information, please contact the Project Manager at (816) 983-3451.

Southwest Strategy Borderlands Management Task Force (BMTF). This meeting will be held on **6 October 2005** in **Tucson, Arizona**. For additional information, please contact the Project Manager at (816) 983-3451.

KDHE Water Shed Management Seminar. The Kansas Department of Health & Environment, Bureau of Water, Watershed Management Section is conducting a seminar with various non-point source pollution control projects and local environmental protection programs. The purpose of the seminar is to facilitate communication of project results and activities among all parties interested in non-point source pollution control. These projects have been selected from the area of the seminar location. The seminar will be held on **3 November 2005** in **Salina, Kansas**. For information, please call (785) 296-4195.

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TRAINING COURSES AND WORKSHOPS

USACE PROSPECT Training. The FY06 Proponent-Sponsored Engineer Corps Training (PROSPECT) Program is now available on line at <http://pdsc.usace.army.mil>. The Purple Book, which includes the proposed scheduled training classes and sessions for FY06, is found at this location. FY06 PROSPECT offering of the following courses:

- **The Complete RCRA Course: From Hazardous Waste Generation, Through Disposal, Corrective Action, and Beyond.** This is a new comprehensive RCRA hazardous waste course. Topics addressed include regulations important to waste generators such as: identifying hazardous waste; determining generator status; complying with accumulation requirements; manifesting waste off site; land disposal restrictions treatment standards; and special regulations for recyclables, used oil, military munitions, and universal waste. The course also instructs on regulations pertaining to treatment, storage, and disposal facilities such as the permitting process; treatment, storage, and disposal facility standards, and RCRA corrective action requirements. Phases of corrective action are covered including identification of solid waste management units and area of concern, interim stabilization measures, the RCRA facility investigation, corrective measures studies, and corrective measures implementation. Special waste management options for remediation waste, such as corrective action management units, staging piles, and temporary units are also addressed. See http://pdsc.usace.army.mil/CourseListDetailsNewFY.asp?Cntrl_Num=156.

- **Hazardous Waste Manifesting & DOT Certification.** This 36-hour course enables Corps personnel to understand the regulatory requirements of RCRA and the Hazardous Materials Transportation Act (HMTA) as it applies to the generation, transportation and disposal of hazardous waste. Topics include RCRA waste classification, land disposal restrictions, generator requirements, manifesting requirements, and DOT requirements such as proper shipping names, packaging, labeling, marking, and placarding. Course provides DOT certification as per 49 CFR subpart H and DoD 4500.9-R, chapter 204). Course is ISEERB approved. http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=223.
- **Hazardous Waste Manifesting 16-Hour DOT Recertification Course.** The 16-hour manifesting refresher course is intended to provide refresher training on DOT requirements to fulfill the recurrent training requirements of 49 CFR 172, Subpart H for general awareness/familiarization training. Students who successfully complete the course will be certified as having been trained and tested to recognize and identify hazardous materials. Course provides DOT certification as per 49 CFR subpart H and DoD 4500.9-R, chapter 204). Course is ISEERB approved. http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=429.
- **Environmental Regulations Practical Application Course.** This is an excellent course for those personnel involved in regulatory compliance issues. Topics covered in this 36-hour course include RCRA waste classification and disposal, DOT shipping, CAA, CWA storm and wastewater discharges, TSCA requirements for management and disposal of PCBs, lead-based paint issues, asbestos, USTs, pesticide management, EPCRA, spill response, and drinking water standards. http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=398.
- **The CERCLA/RCRA Process.** This 24-hour course trains USACE personnel involved with hazardous and toxic waste projects on military and civil works projects in the proper application of CERCLA, RCRA and other relevant environmental laws, regulations, and policies. This course is ISEERB approved. http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=356.

US Forest Service Continuing Education Program for Natural Resource Professionals. The Forest Service Continuing Education (CE-WFW) Program's goal is enhancing productivity and effectiveness of professionals whose work involves or relates to management of rare plants, wildlife, and fish habitats. CE-WFW serves the people who care for the land. By design, the program meets the training needs of entry-level, those new to the FS, and mid- and late-career professionals. All resource areas are invited. The workshops and learning materials are sponsored by a wide variety of groups, from the Forest Service, other federal agencies, and Universities to private vendors. Every workshop is offered annually (pending adequate participation), integrating current philosophies, techniques and learning methods. For more specific information regarding courses, locations, and dates of the courses, please go to <http://www.fs.fed.us/biology/education/workshops/index.html>. This page provides links to other related informational pages.

2005 Annual EPA Quality Systems Training Conference. The annual EPA Quality Systems Training Conference provides a series of courses and workshops for EPA personnel and stakeholders who are involved in planning, implementing, assessing, and managing environmental quality systems. The 2005 conference will be held **30 August to 1 September 2005** at the Denver Marriott City Center Hotel in downtown **Denver, Colorado**. The conference design allows for personalizing and maximizing training by selecting from various half-day, and full-day courses. Some courses are designed to introduce elements of the EPA Quality System, while others have more depth in certain areas. For more information, please go to <http://zeus.alpha-gamma.com/epacondenver/index.cfm>.

Strategic Conservation Planning: Using the Green Infrastructure Approach. Green Infrastructure represents an interconnected network of natural areas and working landscapes that support native species, maintain ecological processes, sustain air and water resources. Through lecture, case studies, and class exercises, this course will introduce participants to the concepts and values of green infrastructure; to innovative tools and techniques for planning, designing, and implementing green infrastructure networks; and to successful approaches for integrating green infrastructure into local, regional, state and national land use plans, policies, practices, land protection strategies, watershed planning, and community decisions. The instructor team is from federal, state, and/or local government and non-government organizations. The course will be held on **26-29 September 2005** in **Shepherdstown, West Virginia**. For additional information, please go to <https://otis.fws.gov/> and enter course code ECS3146 or call (304) 876-7471.

Historic Preservation Law and Section 106 Compliance Course. This course emphasizes legal compliance (the National Historic Preservation Act Section 106 process) using actual case studies. It addresses legislation and the process to meet the requirements of the law. Course content includes, but is not limited to, the stewardship role, use of historic properties, and communications with related oversight agencies (24 hours – class finishes 1630 hrs each day). This is an ISEERB approved course. This Course is ACHP recognized. The course is scheduled for **19-21 September 2005** in **Great Lakes, Illinois**. For more information or to register, please visit <https://www.cecos.navy.mil>.

Partners in Environmental Technology Technical Symposium & Workshop. Sponsored by Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP), the 2005 Partners in Environmental Technology Technical Symposium & Workshop will take place **29 November- 1 December 2005** in **Washington, DC**. For information as it becomes available, please go to <http://www.serdp.org/symposiums/symposiums.html> or e-mail partners@hgl.com or call (703) 736-4548 with any questions.

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CONFERENCES AND SYMPOSIUMS

Second Conference on Sustainable Range Management. The Second Conference on Sustainable Range Management will be held in **San Antonio, Texas** on **22-25 August 2005**. The Conference is designed to facilitate exchange of information among all stakeholders concerned with how military ranges and training areas can be used to test and evaluate weapon systems and train DoD personnel without conflicting with economic, environmental, and other concerns. The technical program will consider the many issues including operational range management, urban encroachment, frequency and airspace competition, munitions constituents and UXO, protection of endangered species, protection of air quality, sustainability of the maritime environment, noise abatement, and outreach. For additional information, please go to <http://www.rangecon.org/>.

AWMA Workshop: Understanding the Changing World of New Source Review (NSR). The world of NSR is one of the most complex and ever changing issues today. To understand these changes, the workshop will endeavor to show where each version of the rule applies; explain the basics of the major NSR permit requirements (BACT, LAER, etc.); discuss the applicability criteria for each version of the rule, allowing you to determine whether major NSR applies to a project; update you on the latest enforcement initiatives, settlement agreements, and court decisions; and provide an idea of what's in store for NSR rules and programs in the near future. The workshop will be held in **New Orleans, Louisiana** on **8-9 September 2005**. For additional information, please go to <http://www.awma.org/events/workshops/NSR04/default.asp>.

EPA Region 6: 15th Annual Quality Assurance Conference. This conference is sponsored by Region 6 EPA will be held on **17-21 October 2005** in **Dallas, Texas**. Session E on 20 October will focus on perchlorate in terms of occurrence, fate, and analysis. Other topics that will be discussed include National Environmental Laboratory Accreditation Conference (NELAC)/National Environmental Laboratory Accreditation Program (NELAP) status, Texas Laboratory Accreditation Program Update and technically focused presentations. For more information, please go to <http://www.epa.gov/Arkansas/6pd/qa/index.htm>.

2005 National Conference of the Academy of Certified Hazardous Materials Managers. The 2005 national conference of the Academy of Certified Hazardous Materials Managers (ACHMM) will be held **25-29 September 2005** in **St. Louis, Missouri**. The ACHMM conference will feature 48 technical sessions, environmental and health and safety regulatory updates, and provides an opportunity to network with professionals in hazardous materials management. Featured speakers include Richard Preston, nationally recognized expert on emerging diseases and biotechnology, who will delve into the government's response to the anthrax attacks of October 2001. Edward Badolato, Vice President for Homeland Security, the Shaw Group, will describe closed-door sessions at the White House to brief ACHMM on the existing threat to the hazardous material and transportation infrastructure industry. This conference is co-hosted by the Academy of Certified Hazardous Materials Managers, in cooperation with the University of Kansas Continuing Education. For full details or to register, call toll-free (877) 404-5823 or (785) 864-5823 or click <http://www2.kuce.org/achmm/>.

AUSA 2005 Annual Meeting & Exposition, Call to Duty - 230 Years of Service to Our Nation. The AUSA Annual Meeting, the world's largest land-power forum, brings together America's Army including Active, Guard and Reserve, retirees, family members and civilians. The three-day event includes:

- Contemporary military forums
- Family forums
- Industry and military exhibitions
- Social events
- Award presentations

The conference is scheduled for **3 - 5 October 2005** in **Washington, DC**. For more information, please go to <http://www.ausa.org/AM2005.nsf/Home?OpenForm>.

Water Environment Federation 78th Annual Technical Exhibition and Conference. WEFTEC.05 (Water Environment Federation's Technical Exhibition and Conference), will be held in **Washington, DC** between **29 October and 2 November 2005**. WEFTEC will provide insights into developments, regulations, and research, as well as into both emerging technologies and proven approaches to everyday water quality challenges. For additional information, please go to <http://www.weftec.org/index.htm>.

Annual Groundwater Foundation Conference. The Groundwater Foundation's 2005 Annual Conference will focus on the intersection of scientific knowledge, the technical tools that result, and on-the-ground practices by water managers, consumers, and communities. The 2005 conference will feature high tech advances and new human approaches. Presentations will focus on diverse settings including best practices in rural, urban, and watershed settings. The meeting will take place on **2-4 November 2005** in **Nebraska City, Nebraska**.

Brownfields 2005. The 2005 national brownfields conference sponsored by EPA and ICMA will be held in **Denver, Colorado** on **2-4 November 2005**. This year the Department of Defense will announce that numerous military base closings, affecting dozens of communities across the country. Because of the pending base realignment and closure (BRAC) process, as well as the similarities between brownfields and military base cleanup and reuse, this conference will feature a set of technical sessions and mobile workshops focused on the remediation and redevelopment aimed at BRAC sites. For more information about Brownfields 2005 or to register on line, see <http://www.brownfields2005.org>.

2005 NGWA Remediation Conference: Site Closure and the Total Cost of Cleanup. This third annual Remediation Costs Conference is all about the actual costs to close sites. This year, optimization and performance modeling to the conference topics have been added. Case studies will include industrial sites, landfills, petroleum and chlorinated solvent sites, and much more. The conference will also feature an industry display area, workshops, concurrent sessions, and panel discussions of competing technologies. The conference will be in **New Orleans, Louisiana** on **7-8 November 2005**. For more information, go to <http://www.ngwa.org/e/conf/0511075010.shtml>.

5th Annual New partners for Smart Growth Conference. The 2006 national, multidisciplinary conference will feature cutting-edge smart-growth issues, the latest research, implementation tools and strategies, successful case studies, interactive learning experiences, new partners, new projects, and new policies. The program includes a mix of keynotes, plenaries, interactive breakout sessions, "hands-on" implementation workshops, and opportunities for participants and speakers to network with each other. It also features several optional sessions, including pre- and post conference tours of local model projects, preconference seminars, and evening salon sessions. The conference will be held in **Denver, Colorado** on **26-28 January 2006**. For more information, please go to <http://www.outreach.psu.edu/C&I/SmartGrowth/about.html>.

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Acronyms and Abbreviations The list of acronyms and abbreviations can be found on the AEC web site at <http://aec.army.mil/usaec/reo/creo03.html> and on DENIX at <https://www.denix.osd.mil/denix/State/Partnering/REC/rec.html> (click Information Library).

ACSIM = Assistant Chief of Staff for Installation Management
ADEQ = Arkansas Department of Environmental Quality
AEA = Atomic Energy Act of 1954

AEDB = Army Environmental Database
 AFCEE = U.S. Air Force Center for Environmental Excellence
 AFIT = Air Force Institute of Technology
 AIMO = Associated Industries of Missouri
 ANPR = Advance Notice of Proposed Rulemaking
 ANSI = American National Standards Institute
 APA = American Planning Association
 APC&EC = Arkansas Pollution Control and Ecology Commission
 AQCR = Air Quality Control Region
 AQI = Air Quality Index
 AST = aboveground storage tank
 ASTM = American Society for Testing and Materials
 ASTSWMO = Association of State and Territorial Solid Waste Management Officials
 ATV = all-terrain vehicle
 AWMA = Air & Waste Management Association
 BAT = best available technology
 BIA = Bureau of Indian Affairs
 BOR = Bureau of reclamation
 BRAC = Base Realignment and Closure
 CAA = Clean Air Act
 CADD = computer-aided design and drafting
 CAM = compliance assurance monitoring
 CAMU = corrective action management unit
 CARB = California Air Resources Board
 CBT = computer-based training
 CCAR = Coordinating Committee for Automotive Repair
 CCP = Comprehensive Conservation Plan
 C&D = construction and demolition
 CECOS = Civil Engineer Corps Officers
 CEPPO = Chemical Emergency Preparedness and Prevention Office
 CERCLA = Comprehensive Environmental Response, Compensation and Liability Act
 CESQG = conditionally exempt small-quantity generator
 CFC = chlorofluorocarbon
 CFR = Code of Federal Regulations
 CHPPM = U.S. Army Center for Health Promotion and Preventative Medicine
 CINWL = commercial industrial nonhazardous waste landfill
 CISWI = commercial and industrial solid waste incinerator
 CO = carbon monoxide
 CREO = Central Regional Environmental Office
 CSR = Code of State Regulations
 CTIC = Conservation Technology Information Center
 CTT = closing, transferring and transferred ranges
 CWA = Clean Water Act
 DAC = Defense Ammunition Center
 DBP = disinfection byproduct
 DBPR = Disinfectants and Disinfection Byproducts Rule
 DEI = Directorate of Environmental Integration
 DENIX = Defense Environmental Network & Information eXchange
 DERP = Defense Environmental Restoration Program
 DFW = Dallas/Fort Worth
 DNT = dinitrotoluene
 DoD = U.S. Department of Defense
 DOE = U.S. Department of Energy
 DOI = U.S. Department of Interior
 DOT = U.S. Department of Transportation
 DRMS = Defense Reutilization and Marketing Service
 DSMOA = Defense/State Memorandum of Agreement
 EA = environmental assessment
 EAC = Early Action Compact
 ECAS = Environmental Compliance Assessment System

ECHO = Enforcement and Compliance History Online
ECOS = Environmental Council of the States
ECSR = Environmental Compliance Status Report
EIS = environmental impact statement
EMR = environmental management review
EMS = environmental management system
EO = executive order
EPA = U.S. Environmental Protection Agency
EPAS = Environmental Performance Assessment System
EPCRA = Emergency Planning and Community Right-to-Know Act
ER = environmental restoration
ERC = Emission Reduction Credit
ERTP = Environmental Response Training Program
ETMD = Environmental Training and Management Division
EVR = Enhanced Vapor Recovery
FAA = Federal Aviation Administration
FEIS = Final Environmental Impact Statement
FIFRA = Federal Insecticide, Fungicide and Rodenticide Act
FFEO = Federal Facilities Enforcement Office
FM = facilities management
FR = Federal Register
FS = Feasibility Study
FUDS = Formerly Used Defense Sites
FY = fiscal year
GAO = General Accounting Office
GCP = general construction permit
GIS = geographic information system
gpd = gallons per day
GSA = General Services Administration
HAP = hazardous air pollutant
HAZMAT = hazardous materials
HAZWOPER = Hazardous Waste Operations and Emergency Response
HB = House Bill
HGA = Houston/Galveston Area
HJR = House Joint Resolution
HM = hazardous material
HMIRS = Hazardous Materials Information Resource System
HMIWI = hospital/medical/infectious waste incinerator
HMX = high melting point explosive
HQ = headquarters
HRVOC = highly-reactive volatile organic compounds
HSB = House Study Bill
HTRW = hazardous/toxic and radioactive waste
IAC = Iowa Administrative Code
IBR = Incorporated By Reference
IDNR = Iowa Department of Natural Resources
IESWTR = Interim Enhanced Surface Water Treatment Rule
I&M = inspection and maintenance
IMI = Installation Management Institute
INSTEP = International Society of Technical and Environmental Professionals
ISEERB = Interservice Environmental Education Review Board
ISO = International Organization for Standardization
ISR = Installation Status Report
ITAM = Integrated Training Area Management
ITRC = Interstate Technology Regulatory Council
JRTC = Joint Readiness Training Center
KAR = Kansas Administrative Rules
KCMA = Kansas City Metropolitan Area
KDA = Kansas Department of Agriculture
KDHE = Kansas Department of Health and Environment

kW = kilowatt
 LAC = Louisiana Administrative Code
 LAMW = low-activity mixed waste
 LANL = Los Alamos National Laboratory
 LB = legislative bill
 LDEQ = Louisiana Department of Environmental Quality
 LDR = land disposal restriction
 LLRW = low level radioactive waste
 LPDES = Louisiana Pollutant Discharge Elimination System
 LPST = leaking petroleum storage tank
 LQG = large quantity generator
 LT1ESWTR = Long Term 1 Enhanced Surface Water Treatment Rule
 LT2ESWTR = Long Term 2 Enhanced Surface Water Treatment Rule
 LUC = land use control
 LUST = leaking underground storage tank
 MACT = maximum achievable control technology
 MCL = maximum contaminant level
 MCLG = maximum contaminant level goal
 MDNR = Missouri Department of Natural Resources
 MDS = minimum desirable streamflow
 MSDS = Material Safety Data Sheet
 MEG = Military Environmental Group
 MEGCs = multiple-element gas containers
 MEK = methyl ethyl ketone
 mg/L = milligram per liter
 mg/yr = megagrams per year
 MMR = Military Munitions Rule
 mph = mile per hour
 MP&M = metal products and machinery
 M2R = Military Munitions Rule
 mrem = millirem
 mrem/yr = millirem per year
 MRDLGs = maximum residual disinfectant level goals
 MS4 = municipal separate storm sewer system
 MSDS = material safety data sheet
 MSWG = Multi-State Working Group
 MSWLF = municipal solid waste landfill
 MSWTS = municipal solid waste transfer station
 MTBE = methyl tertiary butyl ether
 MVECP = Motor Vehicle and Engine Compliance Program
 MVEB = Motor Vehicle Emission Budget
 MWC = municipal waste combustion
 NAAQS = National Ambient Air Quality Standard
 NAICS = North American Industry Classification System
 NDEQ = Nebraska Department of Environmental Quality
 NDIA = National Defense Industrial Association
 NEPA = National Environmental Policy Act
 NESHAP = National Emission Standards for Hazardous Air Pollutants
 NFPA = National Fire Protection Association
 NGWA = National Ground Water Association
 NHPA = National Historic Preservation Act
 NMAC = New Mexico Administrative Code
 NMED = New Mexico Environment Department
 NO_x = nitrogen oxides
 NORM = naturally occurring radioactive material
 NPDES = National Pollutant Discharge Elimination System
 NRC = Nuclear Regulatory Commission
 NREO = Northern Regional Environmental Office
 NREP = National Registry of Environmental Professionals
 NSP = new source performance

NSR = new source review
 OAC = Oklahoma Administrative Code
 ODEQ = Oklahoma Department of Environmental Quality
 OE = ordnance and explosives
 OFR = Office of the Federal Register
 OMB = Office of Management and Budget
 OMEG = Oklahoma Military Environmental Group
 ORVR = onboard refueling vapor recovery
 OSHA = Occupational Safety and Health Administration
 OSPRA = Oil Spill Prevention and Response Act
 OSSF = on-site sewage facility
 OSWER = Office of Solid Waste and Emergency Response
 P2 = pollution prevention
 PASS = Permit Application Software System
 PAL = plant-wide applicability limitation
 PBR = permit by rule
 PBT = persistent bioaccumulative toxin
 PCB = polychlorinated biphenyl
 pCi/L = picocurie per liter
 PEMS = Predictive Emission Monitoring Systems
 PER = Permitting for Environmental Results
 PHMSA = Pipeline And Hazardous Materials Safety Administration
 P.L. = public law
 PM = particulate matter
 PM_{2.5} = Fine Particulate Matter with a diameter smaller than 2.5 microns
 POC = point of contact
 POM = Program Objective Memorandum
 POTW = publicly owned treatment works
 ppb = part per billion
 ppm = part per million
 PRP = potentially responsible party
 PSD = prevention of significant deterioration
 PST = petroleum storage tank
 PSTTF = Petroleum Storage Tank Trust Fund
 PTE = potential to emit
 PWS = public water system
 RACM = reasonably available control measures
 RACT = reasonably available control technology
 RCRA = Resource Conservation and Recovery Act
 RDX = Royal Demolition eXplosive
 REC = Regional Environmental Coordinator
 REGFORM = Regulatory Environmental Group for Missouri
 RFG = reformulated gasoline
 RI = remedial investigation
 RICE = reciprocating internal combustion engine
 ROD = record of decision
 SAME = Society of American Military Engineers
 SB = Senate Bill
 SDWA = Safe Drinking Water Act
 SDWIS = Safe Drinking Water Information System
 SERDP = Strategic Environmental Research and Development Program
 SIC = Standard Industrial Classification
 SIP = State Implementation Plan
 SM = Senate Measure
 SO₂ = Sulfur dioxide
 SPCC = Spill Prevention, Control, and Countermeasure
 SQG = small quantity generator
 SREO = Southern Regional Environmental Office
 TAC = Texas Administrative Code
 TBD = to be determined

TCEQ = Texas Commission on Environment Quality
 TCM = transportation control measure
 TDS = total dissolved solids
 TEFs = Toxicity equivalency factors (related to dioxins)
 TEQ = Toxicity equivalency (related to dioxins)
 TERP = Texas Emissions Reduction Plan
 TIM = Transformation of Installation Management
 TMDL = total maximum daily load
 TPDES = Texas Pollutant Discharge Elimination System
 TRI = Toxics Release Inventory
 TRI-DDS = Toxics Release Inventory – Data Delivery System
 TRRP = Texas Risk Reduction Program
 TSCA = Toxic Substances Control Act
 TSP= Total Suspended Particulate
 tpy = tons per year
 TNT = trinitrotoluene
 TXEP = Texas Environmental Partnership
 UIC = underground injection control
 UN = United Nations
 USACE = U.S. Army Corps of Engineers
 USAEC = U.S. Army Environmental Center
 U.S.C. = United States Code
 USFWS = U.S. Fish and Wildlife Service
 USGS = U.S. Geological Survey
 UST = underground storage tank
 UXO = unexploded ordnance
 VOC = volatile organic compound
 WET = whole effluent toxicity
 WMM = waste military munitions
 WQBEL = water quality-based effluent limit
 WQMP = Water Quality Management Plan
 WREO = Western Regional Environmental Office
 ug/L = microgram per liter

